

## ABSTRACT OF THE DISCLOSURE

The present invention relates to methods of inducing ovulation in a female host comprising the administration of a non-polypeptide cyclic adenosine monophosphate (cAMP) level modulator to the female host. In another aspect, the invention provides for specific administration of the phosphodiesterase inhibitor prior to the luteal phase of the host's ovulatory cycle. Preferred non-polypeptide cAMP level modulator include phosphodiesterase inhibitors, particularly inhibitors of phosphodiesterase 4 isoforms.

RECORDED IN U.S. PATENT AND TRADEMARK OFFICE  
SEARCHED AND SERIALIZED  
SEARCHED  
INDEXED  
FILED  
JULY 1978